



BSc in Science in Computing & Multimedia

Year 2, Semester 2, 2024

Mobile Apps

Continuous Assessment

Module Title: Mobile Apps

Module Code: BSC2

Assessment Type: Individual Project

Maximal Possible Mark: 100 marks

lecture: Bernard Roche

Student: Carlos Sucapuca

Id: 71930

Report

We were assigned to create a booking app with at least four movies

I divided it into 3 folders and kept the main file.

controllers:

-**Driver**: the file is defined as an object that has the routes names used in the NavHost in Navigation.kt

-**Navigation**: the file has a compose function (App) which defines two paths (views/MainView) and (views/movieDetails), we set a function called rememberNavController used to navigate between different screens.

models:

-**Movie**: has the requirements for each movie, it is defined as an object and that way we can reuse it, after that we have a list of the four movies taken from vue.com.

-**MovieCard**: is the main function that shows the main screen and is a function that can be reused many times for any screen.

views:

Main(View): with this class we can display the movie after it is clicked, then all the details will be displayed too.

MovieDetails: this class has all the details of each movie such as name, time, seats left, actors, etc.

Below i show four movies of the moth

It took me some hours to find out why my app was not getting displayed and the answer was very simple. I had to add some permission to the internet because the images were loading from the internet.

I tried to bring the format MVC to this project because I am used to it and feel comfortable.

For this assignment I have visited many websites and watched some tutorials and that helped me achieve these 4 screens 😊.

10:38

Welcome to Suca Cinema

KUNG FU PANDA 4
BACK TO BLACK
CIVIL WAR

10:41

< KUNG FU PANDA 4

KUNG FU PANDA 4 IN CINEMAS MARCH 28

KUNG FU PANDA 4 PG

✖ Sold Out!

Starring Starring: Jack Black, Awkwafina, Viola David, Dustin Hoffman

Running Time 1hr 34mins

After Po is tapped to become the Spiritual Leader of the Valley of Peace, he needs to find and train.

3 No seats available

10:42

10:44

< CIVIL WAR

WRITTEN AND DIRECTED BY ALEX GARLAND

CIVIL WAR

AT VUE NOW

BOOK NOW

MARISA ABELA IS AMY WINEHOUSE

HER MUSIC. HER LIFE. HER LEGACY.

BACK TO BLACK

A FILM BY SAM TAYLOR-JOHNSON

SCREENPLAY BY MATT GREENHALGH

ONLY IN CINEMAS

CIVIL WAR 15A

⚠ 2 seats remaining!

Starring Starring: Wagner Moura, Kirsten Dunst, Cailee Spaeny, Stephen McKinley Henderson

Running Time 1hr 49mins

In the near future, a team of journalists travel across the United States during a rapidly escalating civil war that has engulfed the entire nation.

Seats Available: 2

BACK TO BLACK 15A

Starring Starring: Eddie Marsan, Jack O'Connell, Lesley Manville, Marisa Abela

Running Time 2hr 2mins

Follow the life and music of Winehouse, who started out as a jazz singer to eventually become a Grammy-winning music superstar.

Seats Available: 15